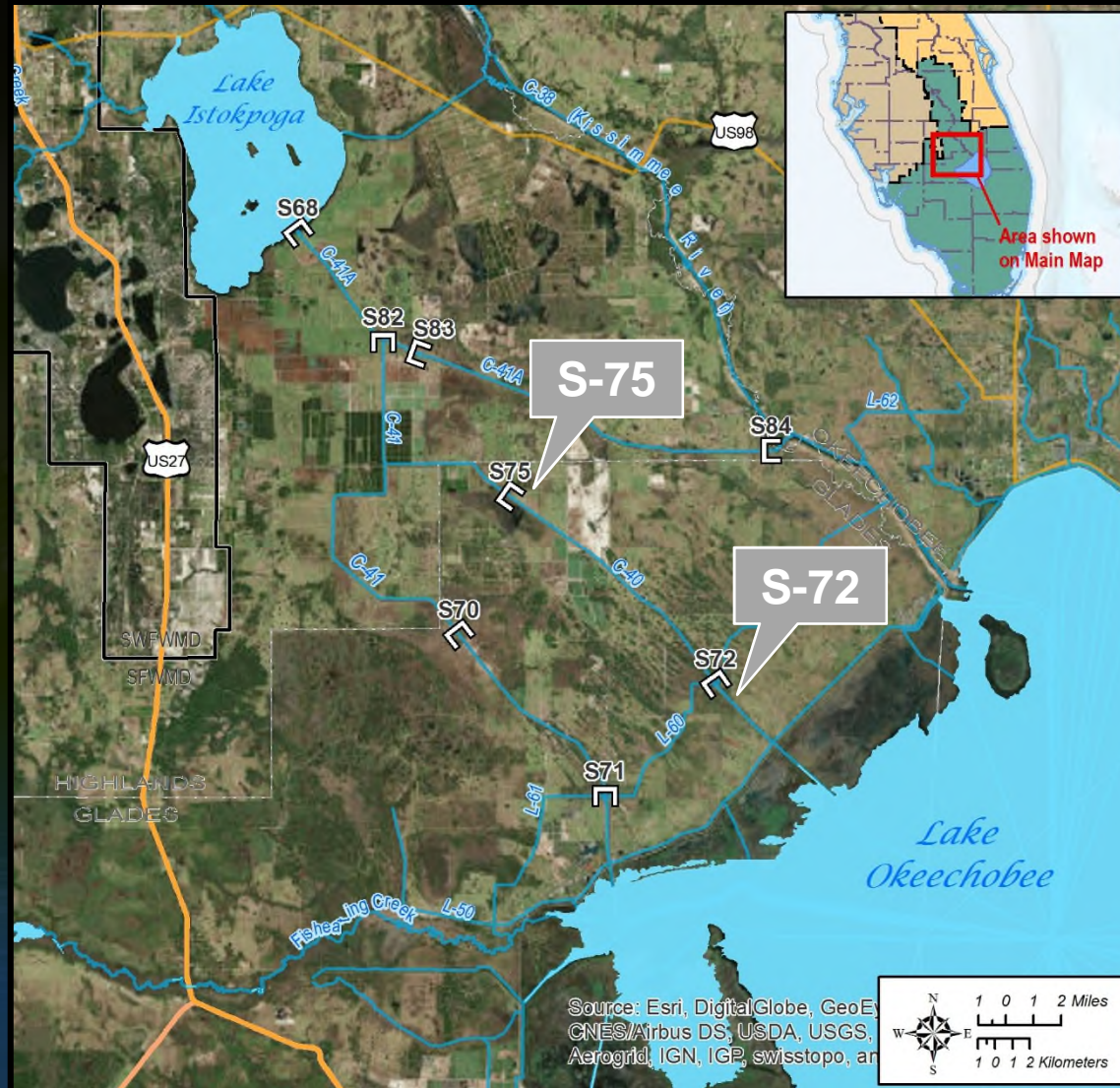


S72 and S75 Structure Refurbishment

Project & Lands Committee
November 9, 2016

Alan Shirkey, P.E.
Bureau Chief
Engineering & Construction

S72 & S75 Structure Refurbishment



S72 & S75 Structure Refurbishment

S72



S72 Structure Details

- Built in 1960
- S72 structure is a reinforced concrete, gated spillway with discharge controlled by two (12'x28') vertical lift gates.
- Design discharge capacity: 3120cfs

S75

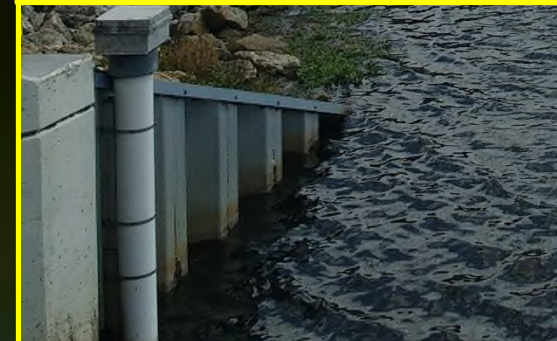


S75 Structure Details

- Built in 1960
- S75 structure is a reinforced concrete, gated spillway with discharge controlled by (10'x29') vertical lift gate.
- Design discharge capacity: 1150cfs

Scope of Project

- Phased dewatering at S72 and full dewatering at S75
- Repair of eroded/spalled concrete
- Replacement of gates with stainless steel gates
- Recoating of wing walls
- Armoring weir crest, gate & needle beam recesses
- Installing / recoating handrails
- Replacing guardrails
- Adding new staff gauges and stilling wells
- New concrete approach to bridge deck



Project Schedule and Status

- USACE and FDEP permits completed
- Substantial completion: 890 days
- Final completion: 950 days
- Gate fabrication to take 8-10 months
- Anticipated Notice-to-Proceed of December 2016
- Construction Activity at Structure S75 to start in November 2017 and complete in April 2018.
- Construction Activity at Structure S72 to start in November 2017 for first bay and November 2018 for second bay due to phased dewatering requirement

QUESTIONS?